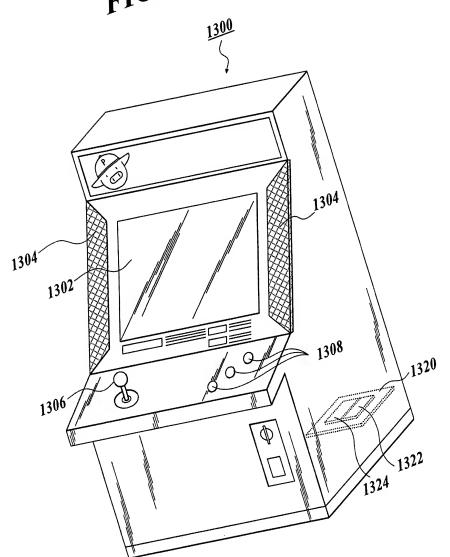
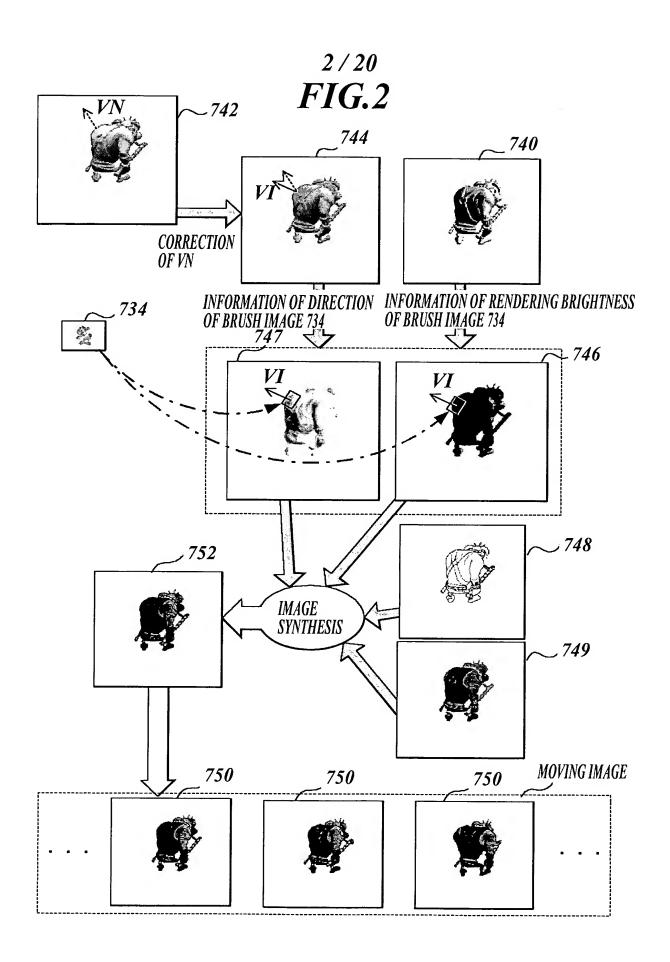
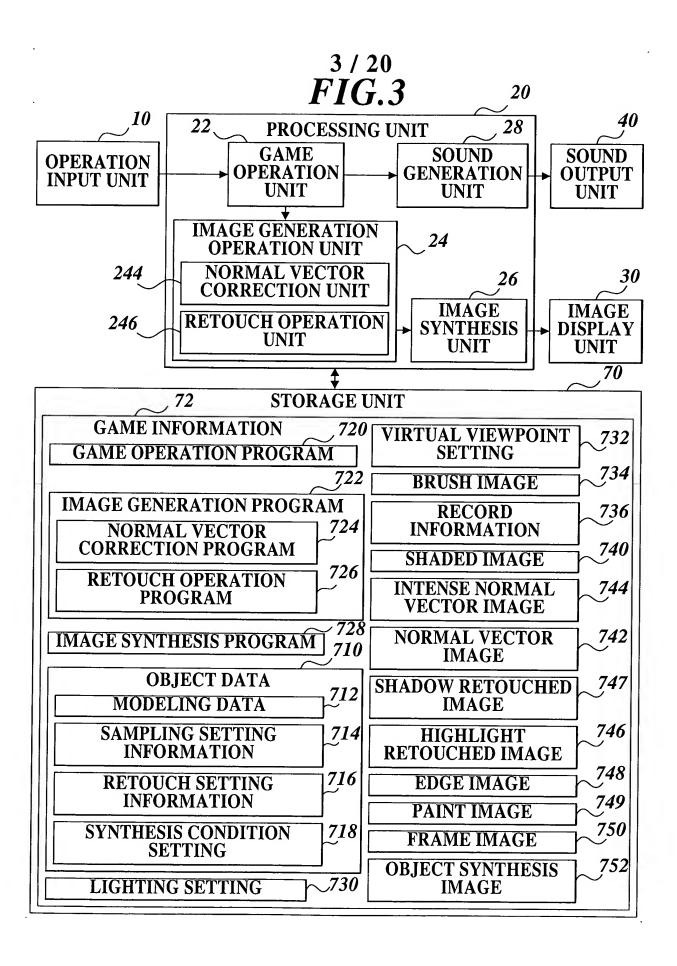
1120 FIG.1







4/20 FIG.4

714

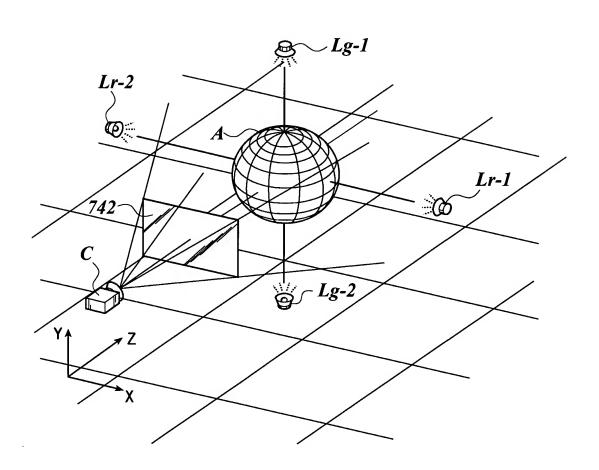
OBJECT ID	DRAGON A
SAMPLING IMAGE	INTENSE NORMAL VECTOR IMAGE
SAMPLING TYPE	RANDOM
RANDOM PATTERN	RANDOM ii
SAMPLING CURVE	CURVE A
SAMPLING CURVE OFFSET QUANTITY	3
SAMPLING NUMBER	100

5/20 FIG.5

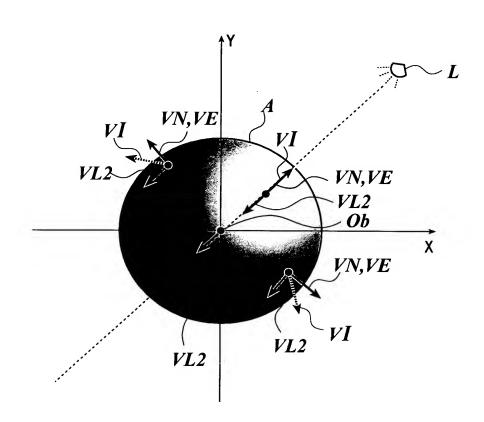
716

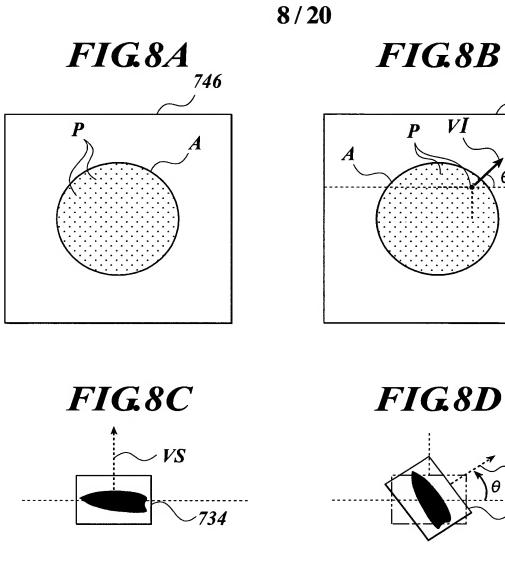
RETOUCH SETTING INFORMATION		
16a	OBJECT ID	DRAGON A
6b \	USING BRUSH	brush_n11
6c 👉	BRUSH SIZE	100(%)
16d	BRUSH ROLL	60(°)
16f	BRUSH MOVEMENT RANGE	15 (PIXELS)
16e	BRUSH REPEAT NUMBER	3
6g 🗸	RANDOM SETTING METHOD	EVERY FRAME
6h 🔷	POSITION OFFSET RANGE	-5 ~ +5 (PIXELS)
6j 🔷	POSITION OFFSET VARIATION	2(PIXELS)
6k	ROTATION OFFSET RANGE	-7 ~ +7 (°)
6m	COLOR SAMPLING MATERIAL	PAINT IMAGE
6n 🔷	COLOR SAMPLING CURVE	CURVE A
6p	CURVE OFFSET	3
6r	BRUSH COLOR	(R,G,B)=(112, 150, 250)
6s	COLOR NUMBER	256

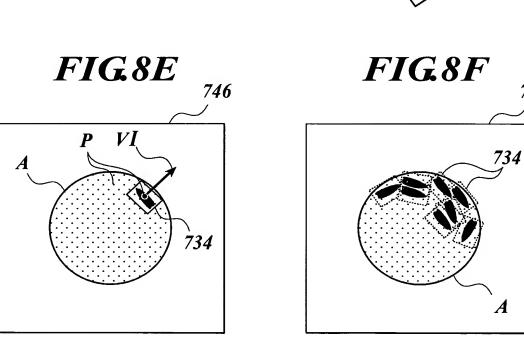
6/20 **FIG 6**



7/20 **FIG** 7







9/20 **FIG.9**A

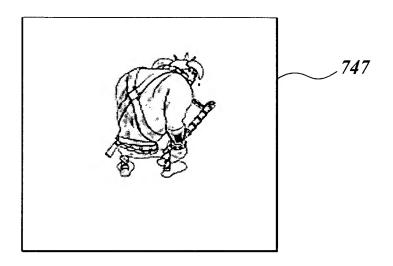
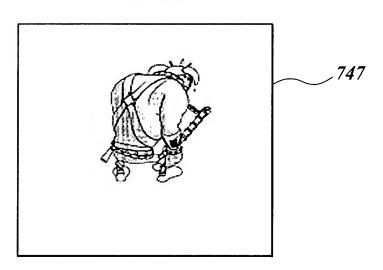


FIG.9B



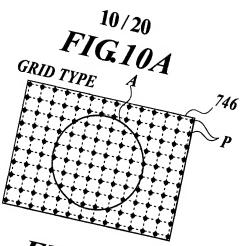
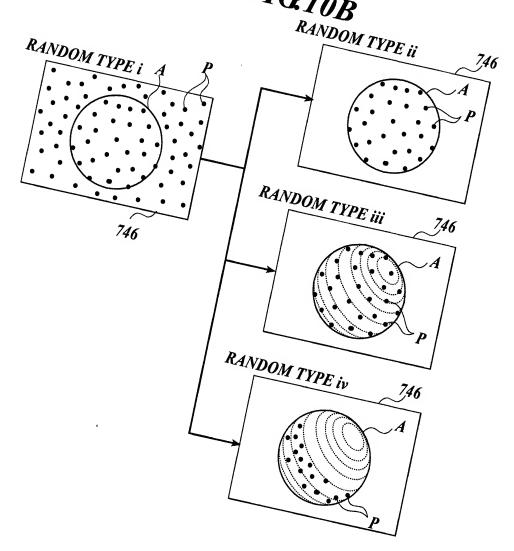
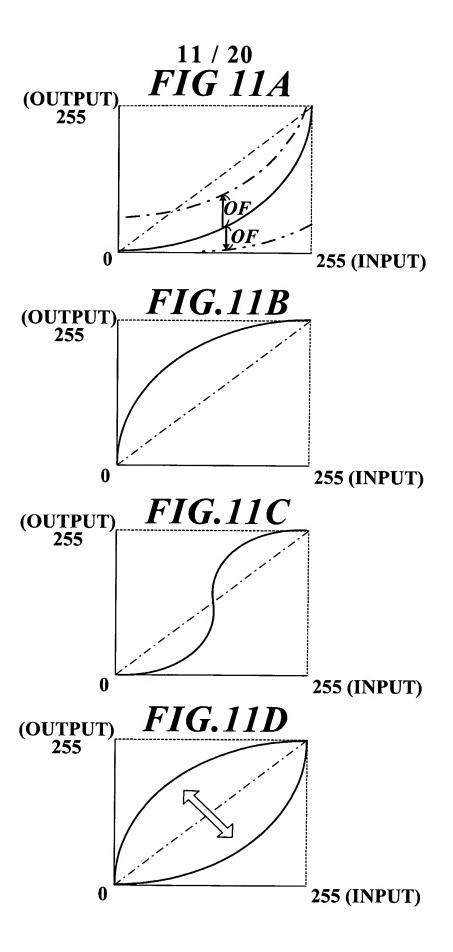


FIG.10B





12/20 FIG.12A

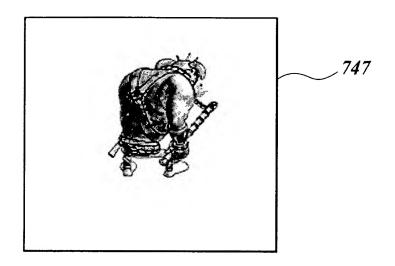
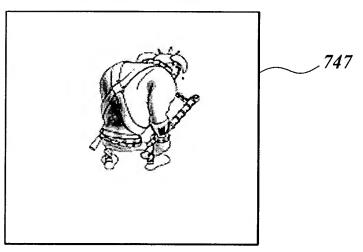


FIG.12B



13/20 FIG.13A

OFFSET(deg)

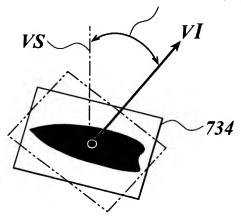


FIG.13B

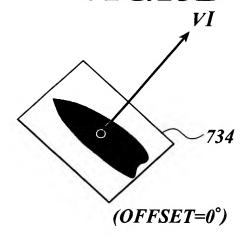
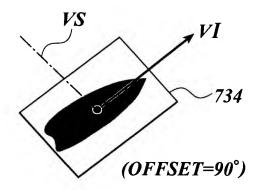
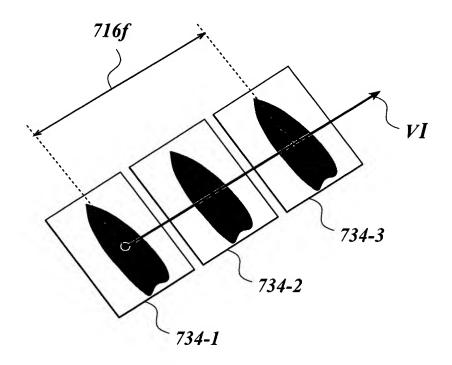


FIG.13C



14/20 FIG.14



15/20 FIG15A

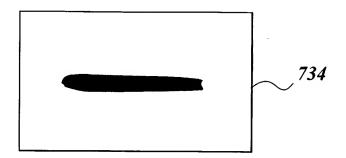


FIG.15B

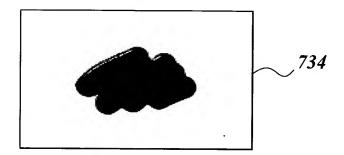


FIG.15C

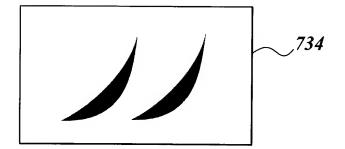
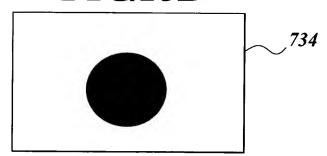
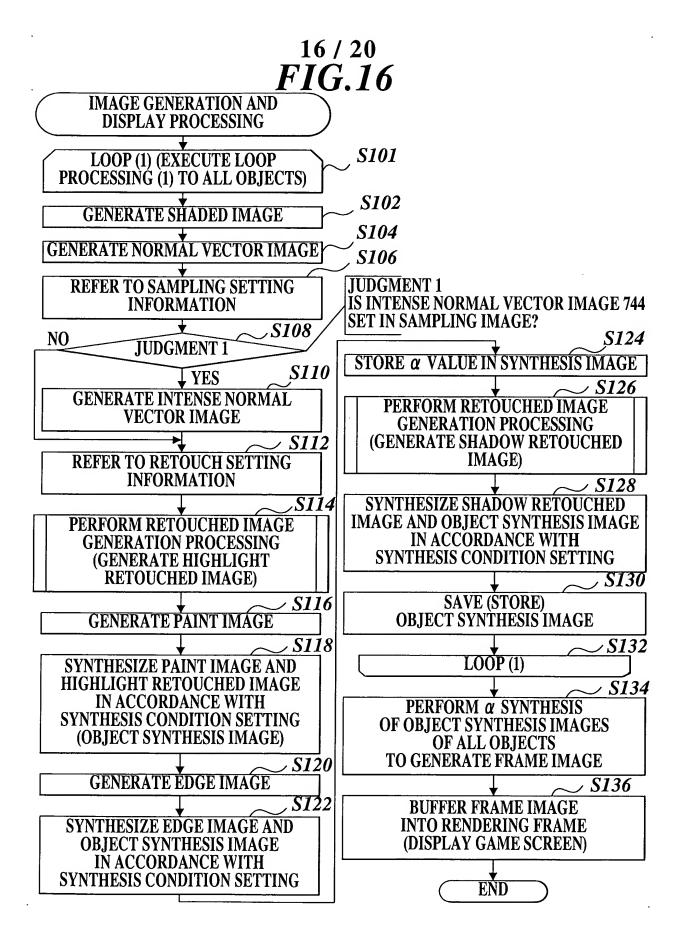


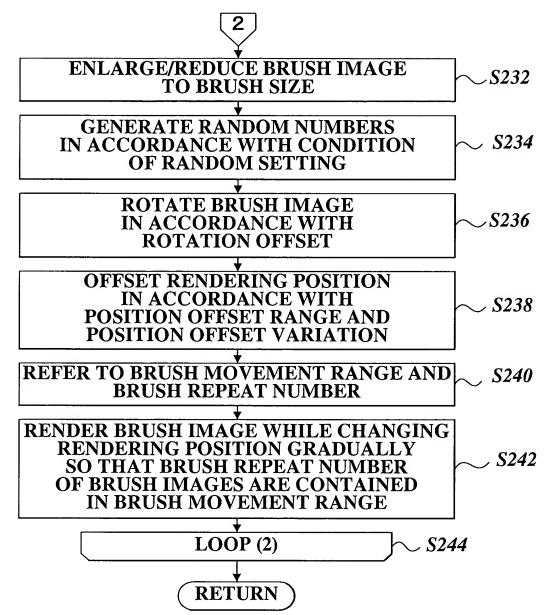
FIG.15D





17 / 20 FIG.17RETOUCHED IMAGE GENERATION PROCESSING PERFORM SAMPLING POINTS SETTING PROCESSING , S202 LOOP (2) (EXECUTE LOOP PROCESSING (2) S204 TO ALL SAMPLING POINTS) READ BRUSH IMAGE \backsim S206 CALCULATE INTENSE NORMAL VECTOR VI S208 BASED ON COLOR INFORMATION OF SAMPLING IMAGE S210 ROTATE BRUSH IMAGE IN DIRECTIÓN OF INTENSE NORMAL VECTOR VI S212 ROTATE BRUSH IMAGE BY SPECIFIED DEGREE OF BRUSH ROLL S216 S214 **CONVERT BRUSH IMAGE** YES IS BRUSH COLOR FROM GRAY SCALE SPECIFIED? TO COLOR SCALE OF **BRUSH COLOR** NO S218 IS NOT COLOR SAMPLING NO MATERIAL SPECIFIED? S222 S219 ¥ YES **OBTAIN COLOR INFORMATION** REFER TO BRIGHTNESS OF COLOR SAMPLING MATERIAL OF POSITION OF SAMPLING POINT OF SHADED IMAGE S224 OFFSET SAMPLING FUNCTION **CONVERT GRAY SCALE OF BRUSH IMAGE BASED ON** CONVERT BRUSH IMAGE FROM GRAY SCALE REFERRED BRIGHTNESS TO COLOR SCALE OF COLOR AFTER CORRECTION OF BRUSH COLOR S220 S226 S228 YES GRADATE SCALE OF BRIGHTNESS IS COLOR NUMBER OF BRUSH IMAGE SPECIFIED? TO SPECIFIED COLOR NUMBER ΝO S230

18 / 20 FIG. 18



19 / 20 FIG.19

